

MODULE/COURSE HANDBOOK

Statistics					
Module/Course Title	Student Workload	Credits (ECTS)	Semester	Frequency	Duration
Statistics	2 Credits x 16 meetings x 170 / 60 = 90, 6 hours/ Semester	2 Credits x 1.59 = 3,18 ECTS	4	16 meetings (include Mid-term Exam and Final Exam)	16 meetings
1	Type of course Experience	Contact hours 50/170 x 28,55 x (2 Credits x 1.59) = 26,70 Structured Assignment 60/170 x 28,55 x (2 Credits x 1.59) = 32,04		Independent study 60/170 x 28,55 x (2 Credits x 1.59) = 32,04	Class size 30 students
2	Prerequisites for participation (if applicable)				
3	Learning outcomes (PLO+CLO) PLO 3 Develop logical, critical, systematic and creative thinking when doing specific tasks in their area of competence and in compliance with the appropriate work competency requirements. PLO 7 Capable of conducting research in the subject of visual arts education and disseminating the findings through scientific writing. CLO 1 Students are able to analyze basic statistical concepts and principles and know how to apply various statistical analysis techniques to measure and evaluate the results of learning and research in fine arts. CLO 2 Students are able to collect, analyze, and present relevant statistical data in the context of fine arts learning and research, and are able to use the results of this analysis to improve the quality of fine arts learning.				
4	Subject aims/content This course is an advanced course in descriptive statistics, covering measures of central phenomena and location, measures of dispersion, probability theory, and hypothesis drawing techniques. Learning continues with inferential statistics, both parametric and non-parametric, for univariate, bivariate, and multivariate variables. This course also covers regression and path analysis to support research and evaluation in the field of fine arts. Students will be trained to understand the basic concepts and principles of statistics and apply various statistical analysis techniques in measuring and evaluating the results of learning and research in fine arts. In addition, students will also be able to collect, analyze, and present relevant statistical data in the context of fine arts education, and use the results of the analysis to improve the quality of learning. Understanding probability theory, hypothesis testing, correlation analysis, regression, and path analysis are the main skills that will be developed in this course. Through a combination of theory and practice, students are expected to be able to process statistical data systematically, present the results of the analysis in various visual forms such as tables and graphs, and interpret data for the purposes of research and evaluation of fine arts learning. With this ability, students				

	can optimize the use of statistics in the academic world and creative industries related to fine arts.
5	Teaching methods Interactive lecture, project-based learning , role plays and simulations Interactive lecture, direct instruction, problem-based learning , Presentation Interactive lecture problem-based learning -Paper Writing and Presentation
6	Assessment methods Project assessment, portfolios of students work, written test, quiz
7	This module is used in the following study program/s as well Undergraduate program
8	Module Coordinator Dr. Djuli Djatiprambudi, M.Sn. Pungki Siregar, S.Pd., M.A.
9	Reference Major 1. Yanti, R., Suryani, I., & Putri, I. (2024). <i>Buku Ajar Statistik dan Probabilitas Dasar</i> . Serasi Media Teknologi. 2. Ortmanns, V., Huntemann, H., Lux, T., & Bachem, A. (2024). <i>Volkshochschul-Statistik: 61. Folge, Berichtsjahr 2022</i> (p. 158). wbv Media GmbH & Co. KG. 3. Wintolo, D. (2024). <i>Pengantar Statistik dan Geostatistik</i> . UGM PRESS. 4. Hasan, I. (2022). <i>Analisis data penelitian dengan statistik (Edisi kedua)</i> . Bumi Aksara. 5. Setyawan, I. D. A., Ade Devriany, S. K. M., & Huda, N. (2021). <i>Buku ajar statistika</i> . Penerbit Adab. 6. Yamin, S. (2021). <i>Tutorial Statistik SPSS, Lisrel, WARPPLS, & JASP (Mudah & Aplikatif)</i> (Vol. 1). Dewangga Energi Internasional Publishing. 7. Gani, I., & Amalia, S. (2021). <i>Alat analisis data: Aplikasi statistik untuk penelitian bidang</i> . Penerbit Andi. 8. Isaac, S.dan Michael, W.B. 1983. <i>Hand Book in Research and Education</i> . California-USA: Edits Publisher. 9. Muhidin, Sambas Ali dan Abdurrahman, Maman. 2007. <i>Analisis Korelasi, Regresi, dan Jalur dalam Penelitian, (Dilengkapi Aplikasi, SPSS)</i> . Bandung: Pustaka Setia. 10. Ridwan dan Kuncoro, Engkos Ahmad. 2007. <i>Cara Menggunakan dan Memaknai Analisis Jalur (Path Analysis)</i> . Bandung: Alfabeta. 11. Sudijono, Anas. 1986. <i>Pengantar Statistik Pendidikan</i> . Jakarta: PT Raja Grafindo Persada. 12. Sugiyono. 2015. <i>Statistika untuk Penelitian (Cetak ke-16)</i> . Bandung: Alfabeta Minor 1. Hartinah, S. (2025). <i>STATISTIK DESKRIPTIF. Pengantar Ilmu Statistik</i> , 53. 2. Zakariah, M. A., & Afriani, V. (2021). <i>Analisis statistik dengan spss untuk penelitian kuantitatif</i> . Yayasan Pondok Pesantren Al Mawaddah Warrahmah Kolaka. 3. Yudiaatmaja, F. (2021). <i>Analisis Jalur (Perhitungan Manual Dan Aplikasi Komputer Statistik)-Rajawali Pers</i> . PT. RajaGrafindo Persada. Link 1. https://www.youtube.com/watch?v=lsVxso46VNI 2. https://www.youtube.com/watch?v=APDjLfxq6vY 3. https://www.youtube.com/watch?v=4S3GLThOaqE&list=PLmOc36chIAoinyqTf01-awiawrIXS0yVY

